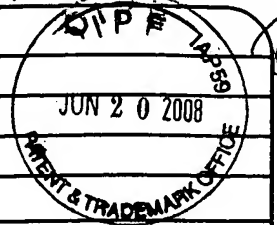


Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2008**☐ Applicant claims small entity status. See 37 CFR 1.27**Complete If Known**

Application Number	10/580,857
Filing Date	April 9, 2007
First Named Inventor	Yuji YASUI
Examiner Name	Noah P. Kamen
Art Unit	3747
Attorney Docket No.	108426-00070

**TOTAL AMOUNT OF PAYMENT** (\$2480.00)**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 01-2300 Deposit Account Name: Arent Fox LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments
**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185
<b>Total Claims</b>	<b>46</b>	<b>16</b>
<b>Extra Claims</b>	<b>- 30 or HP =</b>	<b>x 50 =</b>
<b>Fees Paid (\$)</b>	<b>800</b>	
HP = highest number of total claims paid for, if greater than 20		
<b>Indep. Claims</b>	<b>15</b>	<b>8</b>
<b>Extra Claims</b>	<b>- 7 or HP =</b>	<b>x 210 =</b>
<b>Fees Paid (\$)</b>	<b>1680</b>	
HP = highest number of independent claims paid for, if greater than 3		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	/50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature

Registration No. 60,429  
(Attorney/Agent)

Telephone 202-857-6000

Name (Print/Type)

William D. Doyle

Date June 20, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Confirmation No.: 5989

Yuji YASUI

Art Unit: 3747

Application No.: 10/580,857

Examiner: Noah P. KAMEN

Filed: April 9, 2007

Attorney Dkt. No.: 108426-00070

For: DEVICE AND METHOD FOR CONTROLLING INTERNAL COMBUSTION  
ENGINE WITH UNIVERSAL VALVE GEAR SYSTEM AND VARIABLE  
COMPRESSING MECHANISM

**RESPONSE UNDER 37 C.F.R. § 1.111**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: June 20, 2008

Sir:

This paper is in reply to the Office Action dated March 20, 2008.

Amendments to the **Claims** begin on page 2.

**Remarks** are presented on page 18.

06/24/2008 GFREY1 00000080 10580857

01 FC:1615  
02 FC:1614

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1680.00 OP